

Message

From: Bergman, Erica [Erica.Bergman@dep.nj.gov]
Sent: 9/26/2017 8:23:27 PM
To: Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]
CC: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
Subject: RE: first sample
Attachments: NJDEP Table 3 - xtab 20141103.pdf; 527010_20150415.pdf; Nov 2014 update Private Well Sampling Figure.pdf; PFNA PFOA Map 5_2017.pdf

Hi Andy and Mark,

The sample was collected from the private well at 1 Clement Drive in West Deptford, Gloucester County. Solvay sampled it first on May 20, 2014 (see "NJDEP Table 3") which is just a summary table of results (Method 537) provided by Solvay, they didn't provide any lab data. Concentrations are PFNA (1.5 ug/L) and PFOA (0.5 ug/L).

Solvay used PFOA and "SURFLON" which they report as containing C9:79% , C11: 15%, C13: 5% and trace C8 and C10. It's possible that the sample may also have concentrations of Solvay's replacement compound, which they have described as **Ex. 4 CBI**

DEP resampled 1 Clement Drive prior to installation of a POET treatment system on March 25, 2015. See lab report in the second attachment. **The Sample ID for 1 Clement Drive is PT0080.** They also ran a Matrix Spike and Matrix Spike Duplicate at 1 Clement Dr. (PT0080-MS and PT0080-MSD respectively). Results are very similar to Solvay's 5/20/14 sampling, except the 3/25/15 sampling also detected some additional PFAS in ng/L range. Both rounds of sampling were sent to Eurofins Eaton Labs in California to my knowledge.

The third attachment is a figure created by Solvay and shows the location of 1 Clement relative to the Solvay property. Note that Solvay denies responsibility for the Clement Drive contamination and all other impacted private wells that they define as sidegradient to the southerly groundwater flow direction.

I've also attached a GIS map that depicts much of the PFAS groundwater sampling conducted in the study area (private and public supply wells). As a reference, 1 Clement Drive is the purple triangle southeast of the Solvay site.

Let me know if you need any additional information. I am looking forward to seeing the results!! Thank you very much,

Erica

From: Lindstrom, Andrew [mailto:Lindstrom.Andrew@epa.gov]
Sent: Tuesday, September 26, 2017 2:48 PM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Cc: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: first sample

Erica,

What can you tell us about the first sample you sent us about a year ago?

Mark's getting ready to run the sample (in duplicate) to give us an idea of what we may see for the rest of the project.

Any information that you could share about where it is from (relative to the chemical plant) and what you suspect might be present would be helpful. Also, what concentrations range should we expect? I'm guessing this may be in the ug/L range or ppb. Maybe higher?

Please let us know what you can share.

Thank you very much,

Andy